

20090103.ba v04\_n236.bam.20090103

>From ???@??? Sat Jan 3 10:34:33 2009 -0600  
Date: Sat, 3 Jan 2009 10:33:40 CST  
From: Old Tube Radios <boatanchors@theporch.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: BOATANCHORS digest 4236  
Message-Id: <20090103163342.393C8D52E2@srvr1.theporch.com>

BOATANCHORS Digest 4236

Topics covered in this issue include:

- 1) Re: Insulated Gate Bipolar Transistors  
by "Wilson Lamb" <infomet@embarqmail.com>
- 2) Re: Insulated Gate Bipolar Transistors  
by "Arden Allen" <gumbear@pacbell.net>
- 3) Re: Insulated Gate Bipolar Transistors  
by "Arden Allen" <gumbear@pacbell.net>
- 4) Re: CHU Move  
by Shriver <shriver1@comcast.net>
- 5) HSE department  
by stuck in 50s <polepeeg@aa4rm.ba-watch.org>
- 6) Re: CHU Move  
by "Chuck Grandgent" <chuck@chuckg.com>
- 7) RE: CHU Move  
by David Stinson <arc5@ix.netcom.com>
- 8) Anybody have:  
by "Sandy" <ebjr37@charter.net>
- 9) Another way to skin the... eerr, tell the time.  
by "Herbert M. Rosenthal" <herbrose@comcast.net>
- 10) What Is A Navy REH Receiver??  
by "Liles Garcia" <landn2@verizon.net>
- 11) Re: What Is A Navy REH Receiver??  
by Scott Robinson <spr@earthlink.net>
- 12) Re: Another way to skin the... eerr, tell the time.  
by "Ken" <n5cm@rtconline.com>
- 13) Re: Another way to skin the... eerr, tell the time.  
by "Guido Santacana" <laffitte@prtc.net>
- 14) Re: CHU Move  
by "Paul Anderson" <paul@pdq.com>
- 15) RE: BOATANCHORS digest 4231  
by Tom Bridgers <tarheel6@msn.com>

---

Message-ID: <6A993B11F68F438E862E7299D5F18C78@wilsonspc>  
From: "Wilson Lamb" <infomet@embarqmail.com>  
To: Old Tube Radios <boatanchors@theporch.com>

Subject: Re: Insulated Gate Bipolar Transistors

Date: Fri, 2 Jan 2009 18:24:09 -0500

MIME-Version: 1.0

Content-Type: text/plain;  
format=flowed;  
charset="iso-8859-1";  
reply-type=response

Content-Transfer-Encoding: 7bit

You're going to dissipate the idling plate current times one half the plate voltage when there is no modulation. Probably more than a little bit!

WL

----- Original Message -----

From: "David Stinson" <arc5@ix.netcom.com>

To: "Old Tube Radios" <boatanchors@theporch.com>

Sent: Friday, January 02, 2009 12:42 AM

Subject: Re: Insulated Gate Bipolar Transistors

> In case anyone was interested-  
> Time for me to risk showing my considerable "ig-nurn-ss" again.  
> I did some research on using the Insulated Gate Bipolar Transistor  
> (IGBT) devices as a "Borg Implant" to plate modulate a high-power AM  
> transmitter, for us "po-folks" who can't afford hundreds of bucks for a  
> kilowatt transformer.  
> I got the spec sheet on a tiny little device-  
>  
> <http://www.supertex.com/pdf/datasheets/GN2470.pdf>  
>  
> a Supertex GN2470- that can do 3.5 amps, CE breakdown 700 volts. There  
> are "hefty-er" ones out there, but this will do for discussion.  
> It has a low on-state voltage drop, so probably  
> won't even need heat sinking at our low currents.  
> And did I mention it's tiny?  
> This little booger is a quarter of an inch square and a tenth of an inch  
> thick.  
>  
> Now, I'm not the brightest candle on the cake-  
> I just barely get by. But I think I understand what I'm looking at and  
> hope you brighter lights can comment, and tell me where I'm wrong (or  
> right). I promise you won't hurt my feelings ;-).  
> I'm not addressing the audio filtering requirements yet-  
> just the operating points.  
>  
> The Transfer Characteristics curve looks a lot like that for a triode  
> with -grid bias, and only has a small amount of "bow" at the bottom near  
> cut-off. I'm going to use some figures that are "above legal limit," but  
> it's only for illustration

> to see just how full of "hooo-weeee" I am.  
> Let's say I want my big final to run, at full carrier, 2000 volts at 1  
> amp. I series eight or ten of these for a large  
> breakdown margin and hook all the gates together. I can  
> get away with that because the input capacitance of one  
> of these is about 100 pFd, vs 2700 pFd for an IRF450 MOSFET; I think .03  
> mFds across my audio chain would make for some "bass-ee" audio ;-).  
>  
> I bias the things "full on" at 6 volts or more for tune-up,  
> then back the bias down to 4.5 volts, lowering the current to about 400  
> mils on transmit with no modulation. Drive the audio to it about 2 V PTP,  
> and the current swings from near cut-off, up to 1 amp at about 6 volts.  
> The slight bow at the low end introduces some asymmetry,  
> but doesn't look too bad, considering.  
>  
> This device takes more drive than the power MOSFET; about 2 V PTP for the  
> swing I want vs. half a volt for something like  
> the IRF450, and the curve is straighter and steeper  
> for the MOSFET, but this is actually a "plus" on the  
> side of the IGBT, because getting the bias exactly right  
> on the MOSFET and keeping it there when you've  
> only got a half a volt to play with is pretty tough.  
> And getting a couple of volts drive to the IGBT thing  
> is easy- the output of any old audio amp with a few watts "umph" should do  
> nicely.  
>  
> What do you smart guys think?  
> 73 D.S.  
>

-----  
Message-ID: <003401c96d31\$b23e6b30\$7b9d480c@KB6NAX>

From: "Arden Allen" <gumbear@pacbell.net>

To: Old Tube Radios <boatanchors@theporch.com>

Subject: Re: Insulated Gate Bipolar Transistors

Date: Fri, 2 Jan 2009 15:27:31 -0800

MIME-Version: 1.0

Content-Type: text/plain;  
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Pulling my head out of where the sun don't shine, here's what I should have wrote about IGBT's being used as an RF power amp: A MOSFET gate's input resistance is virtually infinite at DC and gradually decreases with signal frequency due to the "Miller" gate-drain capacitance. With a MOSFET driving the base of a transistor the drain is clamped to the base-emitter forward voltage thus vastly reducing the Miller effect. Also, driving the essentially pure capacitance of a MOSFET gate is easier to accomplish than

driving the complex impedance variation of a bipolar. Still though, biasing for linear operation is fraught with problems with MOSFET's unless one opts for class B or "zero bias" operation. That's what makes class D (switching) operation so attractive. Class C with tubes is reasonably self adjusting but tubes also have reasonably low transconductances compared to power MOSFETS. You'd have to come up with something akin to grid current biasing to operate Class C with a MOSFET, I imagine. I'm obviously not an expert (nor in much anything else, for that matter) but I do know how to breadboard stuff before even dreaming about what the outcome could be. Horse before buggy theorem....

Arden Allen  
KB6NAX

-----  
Message-ID: <004001c96d33\$e9fd6fb0\$7b9d480c@KB6NAX>  
From: "Arden Allen" <gumbear@pacbell.net>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: Insulated Gate Bipolar Transistors  
Date: Fri, 2 Jan 2009 15:43:23 -0800  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

> Pulling my head out of where the sun don't shine, .....

I got something else wrong (bypass this message if you're tired of my babbling). The IGBT's "collector" is the bipolar's emitter thus the Miller capacitance to overcome drive requirement still maintains. So now one must ask, what is the advantage of using an IGBT in place of a MOSFET for an RF power amp? I damn sure don't know at this point....

Arden Allen  
KB6NAX

-----  
Message-ID: <495EB7A4.2020201@comcast.net>  
Date: Fri, 02 Jan 2009 19:56:04 -0500  
From: Shriver <shriver1@comcast.net>  
MIME-Version: 1.0  
To: Old Tube Radios <boatanchors@theporch.com>  
CC: gumbear@pacbell.net  
Subject: Re: CHU Move  
Content-Type: text/plain; charset=ISO-8859-1; format=flowed  
Content-Transfer-Encoding: 7bit

Time from here:

<http://www.time.gov/>

is accurate to 0.1 seconds. Runs a Java applet in your web browser. It can determine the round trip time, and thus determine half that, as the delay from "there" to "your computer". Of course, if you have a very problematic (slow or lossy) Internet connection, it probably won't muster that level of accuracy. (It can tell.)

There's a large community of Internet folks who are very "into" time. The Network Time Protocol, although a bit futzy in design and implementation, really does work, and had made accurate time very easy to access.

Arden Allen wrote:

> Yeah, but how long does it take for the internet "filaments" to warm up? At  
> least you know WWV or CHU time is accurate to within a second.

-----  
Date: Fri, 2 Jan 2009 19:59:47 -0500 (EST)  
From: stuck in 50s <polepeeg@aa4rm.ba-watch.org>  
Message-Id: <200901030059.n030xlu2011033@fracas.netboobie.org>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: HSE department

That's Hope Springs Eternal & it relates to the Harvey Wells Z-match antenna tuna

My SWR/Power meter's open. Supplied data/usage sheet just sez M1 - meter. So I go to the web & find a reprint of a '55 QST art'l by it's designer, W1CJL. Recommended reading since the thing's S00ooo neat, switchless, & works supremely well w/o baluns.

Now the web site

<http://www.cqham.ru/zm.htm>

also gives a page on cloning a copy. Worth reading

In orange ink on black bakelite, the meter is stamped:

The -smudge- -erased- ochron co.

Maybe 2.5" round. And above art'l sez it's 200ua full scale.

The critter's so seductive I might spring for a meter rebuilder. Anyone have a fave. Modern restatement: who's the meter mechanic of choice?

Thanks & Happy New Year Y'all

Marty fm dixie

-----  
Message-ID: <a913924b0901021710h165b063fgab72c1bf764ff0ab@mail.gmail.com>  
Date: Fri, 2 Jan 2009 20:10:38 -0500  
From: "Chuck Grandgent" <chuck@chuckg.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: CHU Move  
Cc: "Old Tube Radios" <boatanchors@theporch.com>, gumbear@pacbell.net  
MIME-Version: 1.0  
Content-Type: text/plain; charset=UTF-8  
Content-Transfer-Encoding: 7bit  
Content-Disposition: inline

And for those so inclined, here are the details of "NTP" - "Network Time Protocol", whereby applications can VERY accurately retrieve the correct time from these time sites, despite Internet vagaries.  
<http://www.ietf.org/html.charters/ntp-charter.html>

There's also "Simple Network Time Protocol", it's at  
<http://www.ietf.org/rfc/rfc2030.txt>  
It's not quite as accurate, but much simpler to implement, as I have done for a number of "embedded" devices (appliance type things).

Chuck, K10M

On Fri, Jan 2, 2009 at 7:56 PM, Shriver <shriver1@comcast.net> wrote:  
> Time from here:  
>  
> <http://www.time.gov/>  
>  
> is accurate to 0.1 seconds. Runs a Java applet in your web browser. It can  
> determine the round trip time, and thus determine half that, as the delay  
> from "there" to "your computer". Of course, if you have a very problematic  
> (slow or lossy) Internet connection, it probably won't muster that level of  
> accuracy. (It can tell.)  
>  
> There's a large community of Internet folks who are very "into" time. The  
> Network Time Protocol, although a bit futzy in design and implementation,  
> really does work, and had made accurate time very easy to access.  
>  
> Arden Allen wrote:  
>>  
>> Yeah, but how long does it take for the internet "filaments" to warm up?  
>> At

>> least you know WWV or CHU time is accurate to within a second.  
>  
>

-----  
Message-ID: <6551247.1230945947149.JavaMail.root@elwamui-cypress.atl.sa.earthlink.net>  
Date: Fri, 2 Jan 2009 19:25:47 -0600 (GMT-06:00)  
From: David Stinson <arc5@ix.netcom.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: RE: CHU Move  
Mime-Version: 1.0  
Content-Type: text/plain; charset=UTF-8  
Content-Transfer-Encoding: 7bit

The problem with reliance on computers and internet is the thousands of new failure modes they introduce into what used to be, and still should be, some simple tasks. These guys who depend on internet functions to do things like Field Day are fooling themselves; it's no different than the Fire Chief who tells you he doesn't need hams after a natural disaster because "he has a cell phone." One loose MDF punch-down or hick-uping server out of the thousands needed to send you that time hack, and you're down.

A simple receiver tuned to 10 MC, with vastly fewer failure modes, can perform an array of useful functions, when the problem to be solved is viewed with the idea of what solution is actually \*needed,\* vs. what solution is \*possible.\* Some problems have been artificially complicated just so an internet solution can be applied. If all you need to do is pick an apple, fingers will work. We don't need to locate the apple with GPS and pick it with a PIC-programmed robot arm.

D.S.

-----  
Message-ID: <44DA55673D874B0A8E785C1386AD255C@gateway>  
From: "Sandy" <ebjr37@charter.net>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Anybody have:  
Date: Fri, 2 Jan 2009 21:49:03 -0600  
MIME-Version: 1.0

Content-Type: text/plain;  
format=flowed;  
charset="iso-8859-1";  
reply-type=original  
Content-Transfer-Encoding: 7bit

Looking for couple of tube types: (That I don't have on hand!)

2 ea. 6AF6GT

1 ea. 6AE6G or GT (This might be hard to find?)

Was a special dual plate triode to be used with the 6AF6 tube giving one section of electron ray tube a different sensitivity than the other section.

Want to build a simple selfcontained "zero beat" indicator. I'm sure there is a lot more 6AF6's out there than 6E5's!!!

73,

Sandy W5TVW

-----  
Message-ID: <495F0145.5060500@comcast.net>  
Date: Fri, 02 Jan 2009 23:10:13 -0700  
From: "Herbert M. Rosenthal" <herbrose@comcast.net>  
MIME-Version: 1.0  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Another way to skin the... eerr, tell the time.  
Content-Type: text/plain; charset=us-ascii; format=flowed  
Content-Transfer-Encoding: 7bit

I bought an 'atomic clock'... one that keeps time from Boulder... for about \$20 (battery not included.) One AA cell lasts for a year or so, and as John Cameron Swayze (remember him?), used to say for Timex, "It takes a lickin' and keeps on tickin' ".

Just about anyone sells them, and in several sizes.... probably for sale through a GOOGLE. One sets the time zone, installs the battery and in an hour or so, it synchs with WWVB on 50 Hz, I think. I've dragged tis one, about 4" square, to FDs, dropping it as I went, and it's always in synch with WWV, etc. It also gives D/M/Y once set.

Try it, you'll like it.

Herb W5AN  
Albuquerque

-----



Date: Fri, 02 Jan 2009 22:53:40 -0800  
From: "Liles Garcia" <landn2@verizon.net>  
Subject: What Is A Navy REH Receiver??  
To: Old Tube Radios <boatanchors@theporch.com>  
Message-id: <OBEDKFDGHEPDGADPPEHFCEDICMAA.landn2@verizon.net>  
MIME-version: 1.0  
Content-type: text/plain; charset=iso-8859-1  
Content-transfer-encoding: 7bit

Good evening Everybody and Happy New Year!!,

I have a lead on a Navy REH in the local area. I haven't ever heard of the REH. It is similar to a Zenith TransOceanic with the segmented coverage of the most popular SW bands. It is typical military construction because it weighs about 40 lbs. There is one described on a website that I have already looked at. This radio is clean, has all of its original tags, and comes complete with original manual and is working. The asking price is \$ 175.00.

My question is are these receivers rare enough to ask such a high price? I am no expert, but I collect mil-surplus and I have never heard of the REH. Any help and information from you all would be much appreciated.

Have a great week-end!!

Best regards from Aloha, Oregon,  
Liles Garcia  
landn2@verizon.net

-----  
Mime-Version: 1.0  
Message-Id: <p0624080ec584c47d54be@[192.168.1.2]>  
Date: Fri, 2 Jan 2009 23:30:56 -0800  
To: Old Tube Radios <boatanchors@theporch.com>  
From: Scott Robinson <spr@earthlink.net>  
Subject: Re: What Is A Navy REH Receiver??  
Content-Type: text/plain; charset="us-ascii" ; format="flowed"

Hi Liles,

Well, I don't know how rare they are, but this link leads to a good description, and a further link to the manual:

<http://www.shlrc.mq.edu.au/~robinson/museum/REH/>

Enjoy!

/scott

-----  
Message-ID: <008a01c96dac\$b032ede0\$020fa8c0@ken>  
From: "Ken" <n5cm@rtconline.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: Another way to skin the... eerr, tell the time.  
Date: Sat, 3 Jan 2009 06:08:00 -0800  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hi Herbert & Gang,

The "atomic" clocks are slaved to a 60 Kcs. signal from Colorado and are also available in wrist watches. I have both and rely on them. Actually, I have 3 clocks and one wrist watch! The wrist watch does not give the month, day, etc. and has a sweep second hand instead of a digital readout. There is also a "two alarm" model available here at Wal Mart which I was glad to find. I exercise my legs mornings before I get up - I am paraplegic. Then, the second alarm notifies me when it is time to get up. I meet the WWCW net at 6 AM. FWIW, take care,

Ken    N5CM

----- Original Message -----  
From: "Herbert M. Rosenthal" <herbrose@comcast.net>  
To: "Old Tube Radios" <boatanchors@theporch.com>  
Sent: Friday, January 02, 2009 10:10 PM  
Subject: Another way to skin the... eerr, tell the time.

> I bought an 'atomic clock'... one that keeps time from Boulder... for  
> about \$20 (battery not included.) One AA cell lasts for a year or so,  
> and as John Cameron Swayze (remember him?), used to say for Timex, "It  
> takes a lickin' and keeps on tickin' ".  
>  
> Just about anyone sells them, and in several sizes.... probably for sale  
> through a GOOGLE. One sets the time zone, installs the battery and in an  
> hour or so, it synchs with WWVB on 50 Hz, I think. I've dragged tis one,  
> about 4" square, to FDs, dropping it as I went, and it's always in synch  
> with WWV, etc. It also gives D/M/Y once set.  
>  
> Try it, you'll like it.  
>

> Herb W5AN  
> Albuquerque

-----  
Message-ID: <000e01c96da5\$332ae390\$4000000a@CPQ10443900021>  
From: "Guido Santacana" <laffitte@prtc.net>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: Another way to skin the... eerr, tell the time.  
Date: Sat, 3 Jan 2009 09:14:24 -0400  
MIME-Version: 1.0  
Content-Type: text/plain;  
format=flowed;  
charset="iso-8859-1";  
reply-type=response  
Content-Transfer-Encoding: 7bit

Yes, I do remember Cameron and I also remember that famous Timex ad on TV where they attached one to the propeller of an outboard, I think an Evinrude, turned the motor on and the watch was supposed to have survived. This Timex really took a licking and went without ticking converted into little pieces in a live ad in front of millions of viewers.

73s

Guido KP4FAR

----- Original Message -----

From: "Herbert M. Rosenthal" <herbrose@comcast.net>  
To: "Old Tube Radios" <boatanchors@theporch.com>  
Sent: Saturday, January 03, 2009 2:10 AM  
Subject: Another way to skin the... eerr, tell the time.

>I bought an 'atomic clock'... one that keeps time from Boulder... for about  
>\$20 (battery not included.) One AA cell lasts for a year or so, and as John  
>Cameron Swayze (remember him?), used to say for Timex, "It takes a lickin'  
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>

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> about 4" square, to FDs, dropping it as I went, and it's always in synch  
> with WWV, etc. It also gives D/M/Y once set.  
>

> Try it, you'll like it.  
>

> Herb W5AN  
> Albuquerque  
>  
>

>

-----  
Message-ID: <ee957a250901030708k4655171fs705830b8bea8a310@mail.gmail.com>  
Date: Sat, 3 Jan 2009 10:08:16 -0500  
From: "Paul Anderson" <paul@pdq.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: CHU Move  
Cc: "Old Tube Radios" <boatanchors@theporch.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit  
Content-Disposition: inline

The ntpd program that syncs your local computer clock to an external source has an audio driver that can listen to WWV via a sound card. It can also cycle between frequencies based on expected propagation through the day. (by the way, ntpd is distributed at <http://www.ntp.org/>)

I've always wanted to hook ntpd up to my R-391 with a modified audio driver to control the R-391 autotune, then my 2008 computer would have its time disciplined by my 1952 R-391 and WWV!

That gets rid of the internet for you, Dave!

Paul

On Fri, Jan 2, 2009 at 8:25 PM, David Stinson <arc5@ix.netcom.com> wrote:

> The problem with reliance on computers and internet  
> is the thousands of new failure modes they introduce  
> into what used to be, and still should be,  
> some simple tasks. These guys who depend on  
> internet functions to do things like Field Day  
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> a natural disaster because "he has a cell phone."  
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> the thousands needed to send you that time hack,  
> and you're down.

>

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> failure modes, can perform an array of  
> useful functions, when the problem to be solved is  
> viewed with the idea of what solution is actually  
> \*needed,\* vs. what solution is \*possible.\*  
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> just so an internet solution can be applied.

> If all you need to do is pick an apple,  
> fingers will work. We don't need  
> to locate the apple with GPS  
> and pick it with a PIC-programmed robot arm.  
>  
> D.S.  
>  
>

-----  
Message-ID: <BAY111-W5598837CCE29BABD25371690E30@phx.gbl>  
Content-Type: multipart/alternative;  
    boundary="\_2023531a-24ca-4237-b298-b78ad03e30fd\_"  
From: Tom Bridgers <tarheel6@msn.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: RE: BOATANCHORS digest 4231  
Date: Sat, 3 Jan 2009 11:33:15 -0500  
MIME-Version: 1.0

--\_2023531a-24ca-4237-b298-b78ad03e30fd\_  
Content-Type: text/plain; charset="iso-8859-1"  
Content-Transfer-Encoding: quoted-printable

Hey JP=2C

If the QST's are still available=2C I'd like to buy them.

Thanks=2C

-Tom Date: Thu=2C 25 Dec 2008 12:43:36 -0600From: boatanchors@theporch.comT=  
o: boatanchors@theporch.comSubject: BOATANCHORS digest 4231

BOATANCH=

ORS Digest 4231 Topics covered in this issue include: 1) Need SX-43 Green=  
Plastic Dial Cover by "Joe Watson" <wwatson5@sbcglobal.net> 2) Need SX-43=  
or partsby "Joe Watson" <wwatson5@sbcglobal.net> 3) FS/FT: QST's=2C 1935=  
- 1962 by John Poulton <jp@cs.unc.edu> 4) 6js6C by "WA3GIN" <wa3gin@comca=  
st.net> 5) Re: 6js6C by w7qho <w7qho@aol.com> 6) Anyone recognize this ol=  
d glowbug (link to pictures) by john <johnmb@nc.rr.com> 7) Re: Anyone reco=  
gnize this old glowbug (link to pictures) by W7QH0@aol.com 8) Re: Anyone r=  
ecognize this old glowbug (link to pictures) by John <johnmb@nc.rr.com> 9)=  
Re: Anyone recognize this old glowbug (link to pictures)

by "Paul Christen=

sen" <w9ac@arrl.net> 10) SAQ Reception Attempt by "B. Smith" <smithab11@com=  
cast.net> 11) 40 Years of early QST by Mikhael Brown <mikhael@brown.org> 12=  
) Rochelle's salt crystals by "Arnulf \ (Arni\ ) Hagen" <aphagen@fullnet.net>=  
13) 6146W tubes by n6nae@ix.netcom.com 14) RE: 6146W tubes  
by "Ed Sieb" <e=

sieb@sympatico.ca> 15) Merry Christmas To The BoatAnchors List!!

by "Liles =

Garcia" <landn2@verizon.net> 16) Re: Merry Christmas To The BoatAnchors Lis=

t!! by Jack Harper <jharper@frobenius.com> 17) Merry Christmas to all  
by Ed=

White WA3BZT <wa3bzt@verizon.net> 18) Merry Christmas To The BoatAnchors L=ist from me=2C too! by Zengmeiste@aol.com 19) Merry Christmas  
by "Chuck Gra=

ndgent" <chuck@chuckg.com> 20) Re: Merry Christmas by Deane McIntyre <dmcin=tyr@ucalgary.ca>--Forwarded Message Attachment--From: wwatson5@sbcglobal.ne=tTo: boatanchors@theporch.comSubject: Need SX-43 Green Plastic Dial CoverDa=te: Thu=2C 18 Dec 2008 18:33:01 -0600Does anyone have an SX-43 green plasti=c dial cover they would part with? Thanks. JoeW5WBR--Forwarded Message Atta=chment--From: wwatson5@sbcglobal.netTo: boatanchors@theporch.comSubject: Ne=ed SX-43 or partsDate: Fri=2C 19 Dec 2008 21:04:53 -0600Need the plastic co=ver for the main tuning dial for an SX-43. If you have a complete radio wi=th this part good=2C I would consider buying the radio. Thanks. JoeW5WBR--F=orwarded Message Attachment--Date: Sun=2C 21 Dec 2008 16:26:21 -0500From: j=p@cs.unc.eduTo: boatanchors@theporch.comSubject: FS/FT: QST's=2C 1935 - 196=2Folks=2C I have a bunch of unbound QST's that I'd like to sell=2C or bette=r=2C trade. They're nearly=2C but not quite=2C complete from 1935-1962. Th=ey include: 1935 thru 1938 complete1939 May=2C Oct thru Dec1940 complete194=1 July thru Dec1942 complete1943 Jan thru Oct=2C Dec (missing Nov)1944 thru=1945 complete1946 Jan thru Sept=2C Nov=2C Dec (missing Oct)1947 thru 1954 =complete1955 June thru Dec1956 thru 1962 complete I'll take \$75 for the ent=ire lot--I don't want to sellindividual issues=2C as that'll make it a lot =less likelythat I can find a home for the entire batch! I also have a compl=ete set of QST from about 2000 onwardsthat I'll throw in for free. Be inter=ested in trading for \*bound\* full-year volumes for 1928 or earlier=2C or fo=r 1960 and later=2C up to maybe 1980.Any interesting trade considered. Pick=up preferred=2C since these suckers are heavy! Wouldbe happy to deliver/ex=change to any VA=2C NC=2C SC hamfest. 73=2C John K4OZY Chapel Hill=2C NC --=-Forwarded Message Attachment--From: wa3gin@comcast.netTo: boatanchors@th=eporch.comSubject: 6js6CDate: Sun=2C 21 Dec 2008 22:31:41 -0500Hi Folks=2C =My elmer has a FT101 and it appears the finals blew. I'm trying to find hi=m a pair of finals. Any assistance would be appreciated. Seasons Greetings=2Cdavewa3gin--Forwarded Message Attachment--Date: Sun=2C 21 Dec 2008 23:24=:53 -0800Subject: Re: 6js6CFrom: w7qho@aol.comTo: boatanchors@theporch.comA=number of these currently being offered on the e-place.--Dennis D. W7QHOG=lendale=2C CA--Forwarded Message Attachment--Date: Mon=2C 22 Dec 2008 15:07=:16 -0500To: boatanchors@theporch.comFrom: johnmb@nc.rr.comSubject: Anyone =recognize this old glowbug (link to pictures)I recently got this transmitt=er (crystal controlled 47 oscillator=2C and a 203A power amplifier.) It's =supposedly from a 30's QST mag=2C but I can't find it. Does anyone recogniz=e? <http://www.k5mo.com/gb1.jpg> and <http://www.k5mo.com/gb2.jpg> Merry Christ=mas!John--Forwarded Message Attachment--From: W7QH0@aol.comDate: Tue=2C 23 =Dec 2008 00:42:49 -0500Subject: Re: Anyone recognize this old glowbug (link=to pictures)To: boatanchors@theporch.com QST October 1935 page 19 by Georg=e Grammer. The original was a "breadboard" design but definitely the same=rig including the distinctive double deck arrangement. This QST issue als=o included the "lost" ARRL article on SSB phone by James Lamb. The articl=

[illegible]

remotely tuned and rotated. Details of my attempt may be found at: <http://so=lo11.abac.com/zorroab1/Christmas%2007%20loop/Page%201.htm> I would be interested in hearing from others who are participating. Merry Christmas Breck k4cheDover=2C Delaware --Forwarded Message Attachment--Date: Tue=2C 23 Dec 2008 23:00:15 +0000From: mikhael@brown.orgTo: boatanchors@theporch.comSubject: 40 Years of early QST

Content-Type: text/plain=3B charset=3Dus-asciiContent-Transfer-Encoding: 7b=it\*\*\*\*\*

ER of this email: \*\*-----

----\*\* Please don't use HTML tags or 'rich text' here. \*\* Set your e=mailer to turn that off. \*\*\*\*\*

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I have over 40 years of QST from late 1929 to 1970 for sale for \$100 pickup = only. These are too heavy to mail which is why they are for pick only. I live= in Oakhurst=2C Ca. Thanks for reading and 73's Mike N6WIG

Mikhael Brown mikhael@brown.org (559) 903-1644 --Forwarded Message Attachment=

-From: aphagen@fullnet.netTo: boatanchors@theporch.comSubject: Rochelle's s=alt crystalsDate: Wed=2C 24 Dec 2008 05:15:17 -0600How does one cut (cleave=)

) Rochelle's salt crystals? Thought I would in the shack. My first guess is= they split easily (like NaCl and KBr) when you hold a razor blade parallel = to the face and tap sharply (not hard) with a wooden stick about 1.0 inch d=

iameter. Thanks=2C arni W5SR0 --Forwarded Message Attachment--Date: Wed=2C =24 Dec 2008 11:04:34 -0800From: n6nae@ix.netcom.comTo: boatanchors@theporch=

.comSubject: 6146W tubesWhich of the versions does 6146W equal? 6146=2C 61=46A or 6146B? Will the 'W' play nice in an S-line or Kenwood TS-830S? A f=

ew Penta Labs knockoffs came my way. Curious minds want to know. Richard --For=warded Message Attachment--From: esieb@sympatico.caTo: boatanchors@theporch=

.comSubject: RE: 6146W tubesDate: Wed=2C 24 Dec 2008 15:59:11 -05006146W is=

nominally a 6146A specially chosen and ruggedized. Will work FB OM in th=

e aforementioned rigs! Ed=2C VA3ES-----

----- n6nae@ix.netcom.com wrote: Which of the versions does =

6146W equal? 6146=2C 6146A or 6146B? Will the 'W' play nice in an S-line =

or Kenwood TS-830S? --Forwarded Message Attachment--Date: Wed=2C 24 Dec 2=

008 14:40:41 -0800From: landn2@verizon.netSubject: Merry Christmas To The B=

oatAnchors List!!To: boatanchors@theporch.comGood day Everybody=2C >From ou=

r home to your all's homes=2C my wife and I would like to wish everyone and =

your family a very Merry Christmas!! Have a great evening=2C a great day=2C=

and a great rest of the week!! Best regards from ice-and-snow-covered Aloha=

a=2C Oregon=2C Liles Garcia landn2@verizon.net --Forwarded Message Attachment=



om Originally posted by Jerry Proc last December=2C I noodled around and =  
found (!?) this pome=3B I think it's good enough to repeat (almost verbatim). Merry Christmas=2C Happy Chanukah=2C Happy New Year's=2C all. =

73 de Terry KC9KEL --> HOLLOWSTATE CHRISTMAS <-- T'was the night before Christmas=2C And all through the shack Not a heater was glowing In all of the rack... Sitting totally silent and quiet that night=2C The old HRO shed nary a light. The Johnson exciter=2C and its home-brew final=2C Felt cold as leftovers=2C or seat-cover vinyl. I drowsed at my workbench feeling tired = and weary=2C The print in the Handbook looked fuzzy and smeary. I thought=2C "I'll make coffee"=2C and groaned to my feet=2C When I heard a loud clatter= outside in the street. What the--? I wondered and turned on the lights=2C = And there I beheld a wondrous sight: A battered old van=2C heaped high with = components=2C And a grizzled old ham with a bagful of doughnuts! I noted his call sign-- can't recall it today-- But a patch on the side read "FMLA". I = opened the door and hollered "Come in!=2C" The coffee pot's heating=2C we'll = sit down and chin!" He spoke not a word but whistled in Morse=2C A "GE=2C O= M"=2C and "By golly=2C I'm hoarse." Too many contacts=2C and hot rosin smoke= . "I nodded and poured him a mug of jamoke. He emptied the doughnuts in a pile on a plate. And explained in a whistle=2C "I'm running real late." "I've new 6L6s=2C and fine 211s=2C "0B2s=2C 45s=2C and mil-spec 807s." "For the reggie crowd=2C 201s by the score=2C "And good ol' type 30s and 19s galore.= "I haven't neglected the passive-parts run-- "There's lots of good iron by old Thordarson." I nodded and smiled=2C suppressing a chortle=2C As he reached in his pack for a 304TL. He whistled=2C "I'm leaving=2C the coffee was = great=2C "But I'm overdue in the neighboring state." "Keep everyone building the rigs of their choosing=2C "Or we'll lose the bands that we're lazy in using." Transistors or tubes-- any project is fine-- "Just keep on constructing and sharing on-line." He leaped to his feet=2C and waved a gloved hand= As he sprang for the door and his rusty old van. I heard him exclaim as he drove away from me=2C "Merry Christmas=2C you Glowbugs=2C and to all 73!" =

-author unknown<BR>=

<BR><BR>\*\*\*\*\*<BR>One site keeps you connected to all your email: AOL Mail=2C Gmail=2C and Yahoo Mail. Try it now. (<http://www.aol.com/?optin=3Dnew-dp&amp=3Bicid=3Daolcom40vanity&amp=3Bncid=3Demlcntaolcom000000025>)</H>TML>--Forwarded Message Attachment--Date: Thu=2C 25 Dec 2008 11:20:44 -0500= From: chuck@chuckg.com To: boatanchors@theporch.com Subject: Merry Christmas I got from my brother up in Maine who found some neat items in a house he was helping some people move: 1945 Handbook=2C good shape. A UNIQUE card game = "Game of Radio" - it's a pack of unique playing cards=2C says from 1924... "Object of Game" - "This deck contains seventeen stations of three cards each.=

For example=2C station WDAF=2C Kansas City=2C Mo.=2C is represented by the three "A" cards=3B station WRC=2C Washington=2C D.C.=2C by the three "C" cards=2C and so on. The three cards of one station are known as a book. The = object of the game is to TUNE IN and obtain from the different players--or from the top of the pack--the card which will add to or complete the book of = three cards. Each book counts one point. The player having the most points = after completing four hands=2C is declared the winner." Stations listed are:= WDAF - Kansas City=2C MOWRC=2C Washington=2C DCKDKA=2C Pittsburgh PAWEAF=2C =

New York CityWFAA=2C Dallas=2C TXCKAC=2C Montreal=2C QuebecKFI=2C Los Angel=  
es=2C CAWWJ=2C Detroit=2C Mich.KFOA=2C Seattle=2C WashWLAG=2C Minneapolis=  
=2C MinnWMC=2C Memphis=2C TNWGN=2C Chicago=2C ILWOO=2C Philadelphia=2C PAWG=  
R=2C Buffalo NYKSD=2C St. Louis=2C MOWTAM=2C Cleveland=2C OHWOC=2C Davenpor=  
t=2C Iowa I will scan the instructions and some of the cards when I get a c=  
hanceand post on my website.I did a Google on this game and didn't find any=  
thing like it. Also=2C non-radio-related=2C 3 old cigar boxes (one wooden) =  
complete withsome antique cigars=2C and a rather amazing collection of anti=  
que bottleopeners. Merry Christmas ! Chuck=2C K10M=2C Alachua=2C FL--For=  
warded Message Attachment--From: dmcintyr@ucalgary.caTo: boatanchors@thepor=  
ch.comSubject: Re: Merry ChristmasDate: Thu=2C 25 Dec 2008 11:43:02 -0700 O=  
n 25-Dec-08=2C at 9:20 AM=2C Chuck Grandgent wrote: > I got from my brother=  
up in Maine who found some neat items in a house> he was helping some peop=  
le move:>> 1945 Handbook=2C good shape.>> A UNIQUE card game "Game of Radio=  
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from the top of the pack--the card which> will add to or complete the book =  
of three cards.> Each book counts one point. The player having the most po=  
ints after> completing four hands=2C is declared the winner.">> Stations li=  
sted are:> WDAF - Kansas City=2C MO> WRC=2C Washington=2C DC> KDKA=2C Pitts=  
burg PA> WEAf=2C New York City> WFAA=2C Dallas=2C TX> CKAC=2C Montreal=2C Q=  
uebec> KFI=2C Los Angeles=2C CA> WWJ=2C Detroit=2C Mich.> KFOA=2C Seattle=  
=2C Wash> WLAG=2C Minneapolis=2C Minn> WMC=2C Memphis=2C TN> WGN=2C Chicago=  
=2C IL> WOO=2C Philadelphia=2C PA> WGR=2C Buffalo NY> KSD=2C St. Louis=2C M=  
O> WTAM=2C Cleveland=2C OH> WOC=2C Davenport=2C Iowa> After all these years=  
=2C it is interesting to note that of these stationsKDKA=2C CKAC=2C KFI=2C =  
WWJ=2C WGN=2C WGR and WTAM are still on theair under those callletters in t=  
he same cities. A couple of othersmight still be around as well=2C while se=  
veral others still exist butuse different call signs. 73 and a merry Chris=  
tmas to all=2C Deame McIntyre VE6BPO>>=

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Content-Transfer-Encoding: 7bit

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\* ---REMAINDER OF MESSAGE TRUNCATED--- \*  
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\* \* \* \* \*

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End of BOATANCHORS Digest 4236

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